

Appl. No. 09/777,040
Amdt. After Final Dated August 19, 2003
Reply to Office Action of June 19, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A surface covering or surface covering component comprising:
 - a) a substrate and,
 - b) a thermoset top coat overlying the substrate, the thermoset top coat being formed from a radiation curable composition and having an exposed surface, the thermoset top coat comprising [[an]] a portion adjacent the exposed surface that includes a first region with a first concentration of a first gloss controlling agent and a second region with a second different concentration of the first gloss controlling agent, whereby the exposed surface of the thermoset top coat adjacent the first region has a first gloss level and the exposed surface of the thermoset top coat adjacent the second region has a second different gloss level.
2. (Previously Presented) The surface covering or surface covering component of claim 1, wherein the thermoset top coat directly overlies the substrate.
3. (Currently Amended) The surface covering or surface covering component of claim 1, wherein the ~~thermoset top coat includes or is in contact with a cure-altering~~ first gloss controlling agent is selected from the group consisting of photosensitizers, accelerators and inhibitors.

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4. (Currently Amended) ~~[[The]]~~ A surface covering or surface covering component of claim 1, wherein the comprising:

a) a substrate and,

b) a thermoset top coat overlying the substrate, the thermoset top coat being formed from a radiation curable composition ~~comprises a flattening~~ comprising a flattening agent and having an exposed surface, the thermoset top coat comprising a portion adjacent the exposed surface that includes a first region with a first concentration of a first gloss controlling agent and a second region with a second different concentration of the first gloss controlling agent,

whereby the exposed surface of the thermoset top coat adjacent the first region has a first gloss level and the exposed surface of the thermoset top coat adjacent the second region has a second different gloss level.

5. (Currently Amended) The surface covering or surface covering component of claim 1, wherein the ~~radiation curable composition~~ thermoset top coat is continuous and overlies the entire substrate.

Claim 6 (Canceled)

7. (Currently Amended) The surface covering or surface covering component of claim 1, wherein the first gloss controlling agent is selected from the group consisting of a thermal initiator, photoinitiator, a cure altering agent and mixtures thereof.

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8. (Currently Amended) The surface covering or surface component of claim 1, wherein the first gloss controlling agent is a first thermal initiator, and the ~~top coat~~ composition comprises the first and second regions of the thermoset top coat comprise a second different thermal initiator.

9. (Currently Amended) A surface covering or surface covering component comprising:

- a) a substrate and
- b) a thermoset top coat comprising a first region having a first gloss level and a second region having a second gloss level different from the first region, the thermoset top coat overlying the substrate,

wherein the thermoset top coat is formed from a UV-curable composition comprising a ~~UV-curable~~ UV-curable component and a flatting agent, and

wherein the different gloss levels are achieved by curing the UV-curable composition using a first polymerization condition in the first region and a second different polymerization condition in the second region.

Claim 10 (Canceled)

11. (Currently Amended) The surface covering or surface covering component of claim ~~[[9]]~~ 63, further comprising a patterned layer between the substrate and the thermoset top coat, wherein the patterned layer includes a pattern of a gloss controlling

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agent selected from the group consisting of a photoinitiator, a thermal initiator, a cure altering agent, and mixtures thereof, and wherein the patterned layer is in contact with the ~~UV-curable composition before the UV-curable composition is cured~~ thermoset top coat.

12. (Currently Amended) The surface covering or surface covering component of claim 9, ~~further comprising a patterned layer between the substrate and the thermoset top coat 11, wherein the patterned layer includes a pattern of a gloss controlling agent selected from the group consisting of a thermal initiator, cure altering agents, and mixtures thereof,~~

~~the patterned layer is in contact with the UV-curable composition, and the UV-curable composition~~ top coat comprises a thermal curing agent.

13. (Currently Amended) The surface covering or surface covering component of claim 11, wherein the cure altering agents include a component selected from the group consisting of photosensitizers, accelerators and/or and inhibitors.

Claim 14 (Canceled)

15. (Currently Amended) The surface covering or surface covering component of claim 11, wherein the first and second regions of different gloss levels are in register with the patterned layer.

Claim 16 (Canceled)

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17. (Currently Amended) The surface covering or surface covering component of claim [[9]] 63, wherein the first ~~polymerization condition includes exposure to UV irradiation and/or heat~~ region comprises an initiator selected from the group consisting of photoinitiators, thermal initiators and combinations thereof.

18. (Currently Amended) The surface covering or surface covering component of claim [[9]] 17, wherein the second ~~polymerization condition includes exposure to EB or UV irradiation~~ region comprises substantially no photoinitiator when the first region comprises a photoinitiator, and the second region comprises a photoinitiator when the first region comprises a thermal initiator.

19. (Currently Amended) The surface covering or surface covering component of claim [[9]] 63, further comprising a patterned layer that ~~includes~~ between the substrate and the top coat, the patterned layer comprising a photoinitiator in selected regions adjacent the first region, wherein the ~~UV curable composition applied to the substrate does not include a top coat in the second region is substantially free of photoinitiator, and the UV curable composition is polymerized in register with the photoinitiator in the selected regions by UV irradiation.~~

20. (Currently Amended) The surface covering or surface covering component of claim [[19]] 63, wherein the ~~UV curable composition not in register with the photoinitiator is subsequently polymerized by electron beam irradiation~~ top coat in the

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second region is substantially free of photoinitiator.

21. (Currently Amended) The surface covering or surface covering component of claim [[9]] 63, further comprising a patterned layer ~~that includes a cure altering~~ between the substrate and the top coat, the patterned layer comprising a gloss controlling agent [[in]] adjacent the first region, wherein the UV curable composition applied to the substrate includes the top coat in the first and second regions comprise a photoinitiator, and the UV curable composition is polymerized by UV irradiation.

22. (Currently Amended) The surface covering or surface covering component of claim [[21]] 63, wherein the ~~UV curable composition is subsequently further polymerized by electron beam irradiation or a second UV irradiation under conditions different than the UV irradiation in claim 21 and/or by longer exposure times~~ top coat comprises in second region comprises (a) a gloss controlling agent different than the gloss controlling agent in the first region, or (b) the same gloss controlling agent as the gloss controlling agent in the first region, but the concentration of the gloss controlling agent in the second region is different than the concentration of the gloss controlling agent in the first region.

Claims 23 to 37 (Canceled)

38. (Currently Amended) A surface covering component comprising:

a) a film,

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- b) a patterned layer comprising a gloss controlling agent overlying the film, and
- c) a thermoset top coat overlying the patterned layer, wherein the top coat comprises at least two areas with gloss levels different from one another and at least one of the areas is substantially in register with at least a portion of the design of the patterned layer.

39. (Original) The surface covering component of claim 38, wherein the patterned layer is discontinuous.

40. (Original) The surface covering component of claim 38, wherein the patterned layer further comprises a pigment.

41. (Original) The surface covering component of claim 38, wherein the film is a transparent or translucent film.

42. (Previously Presented) The surface covering component of claim 38, wherein the thermoset top coat is transparent or translucent.

43. (Previously Presented) The surface covering component of claim 38, wherein the film comprises a second patterned design applied to either the top or bottom surface.

44. (Currently Amended) The surface covering component of claim 43, wherein the second design comprises a pigment or a foam controlling agent.

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45. (Currently Amended) The surface covering component of claim 43, wherein
[[a]] the patterned layer containing a gloss controlling agent is in register with the second
design on one of the surfaces of the film.

Claims 46 to 54 (Canceled)

55. (Previously Presented) The surface covering or surface covering component
of claim 1, further comprising a patterned layer between the substrate and the thermoset
top coat, wherein the patterned layer includes a pattern of a gloss controlling agent
selected from the group consisting of a thermal initiators, cure altering agents, and
mixtures thereof.

56. (Currently Amended) The surface covering or surface covering component
of claim 55, wherein the cure altering agents ~~include~~ are selected from the group
consisting of photosensitizers, accelerators ~~and/or~~ and inhibitors.

Claim 57 (Canceled)

58. (Previously Presented) The surface covering or surface covering component
of claim 55, wherein the regions of different gloss levels are in register with the patterned
layer.

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59. (Currently Amended) The surface covering or surface covering component of claim 1, wherein the gloss controlling agent is a photoinitiator and the surface covering or surface covering component further comprising comprises a patterned layer that includes a between the substrate and the thermoset top coat, the pattern layer comprising the photoinitiator in selected regions adjacent the first region.

60. (Currently Amended) The surface covering or surface covering component of claim 1, further comprising a patterned layer ~~that includes a cure altering~~ between the substrate and the thermoset top coat, the pattern layer comprising the gloss controlling agent [[in]] adjacent the first region, wherein the UV curable composition applied to the substrate includes thermoset top coat comprises a photoinitiator in the first and second regions.

61. (New) The surface covering or surface covering component of claim 59, wherein the thermoset top coat comprises a photoinitiator in the first and second regions.

62. (New) The surface covering or surface covering component of claim 61, wherein the thermoset top coat comprises the same photoinitiator in the first and second regions, the photoinitiator in the first and second regions being the same as the photoinitiator of the patterned layer.

63. (New) A surface covering or surface covering component comprising:

a) a substrate and

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b) a top coat comprising a first region having a first gloss level and a second region having a second gloss level different from the first region, the top coat overlying the substrate,

wherein the top coat is formed from a UV-curable composition comprising a UV-curable component and a flatting agent.

64. (New) The surface covering or surface covering component of claim 63, wherein the top coat is a thermoset top coat.

65. (New) The surface covering or surface covering component of claim 63, wherein the concentration of the flatting agent in the first region adjacent the exposed surface of the thermoset top coat is different than the concentration of the flatting agent in the first region distal the exposed surface.